9000/9100/9200
User Manual

LIFE IONIZER

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Safety Guide - Read Completely

Before installation or operation of the LIFE Ionizer®, read this instruction manual completely.

Note- Some parts may have been altered to improve product quality, function or ease of use.

Symbols

Refer to the following key symbols and indicators throughout the manual.

	Improper use may cause bodily injury
	Improper use may cause structural damage to the unit or physical injury
	As with most electrical appliances, electrical parts in this ionizer are electrically live even when switch is off.

Indications

	Caution, warning, danger symbol
	Information on prohibited functions and uses
	Make note of important information
	Do not open as it may cause electric shock or other injury
	Disconnect power plug in case of malfunction

Improper use may cause bodily injury.

	When drinking Ionized Alkaline Water - Do not take prescription or other medications for approximately one hour before and after drinking water.

As with most electrical appliances, electrical parts in this ionizer are electrically live even when the switch is off.

	This machine should not be repaired or otherwise disassembled by any unauthorized person as it may cause electrical fire or shock, and will void the manufacturer's warranty.
	Do not place the machine in humid areas such as bathrooms. Do not clean this machine by spraying the ionizer with water as it may cause electrical shock.

As with most electrical appliances, electrical parts in this ionizer are electrically live even when the switch is off.

	Power cord should not be touched with wet hands.
	If the ionizer machine falls into water- 1. Unplug power cord from electrical outlet 2. Wipe the machine down and place in shaded area 3. Contact your LIFE Ionizer™ dealer
	Use only (110v) in the U.S.A. and Mexico. Use (100v) in Japan. Most other countries require (220v). The power cord cannot be altered from manufacturer's specs. Do not crimp or staple the power cord as it could cause electrical shock.
	Power cord should be plugged directly into an electrical outlet.
	Do not connect multiple appliances into a single power receptacle.
	Dusty or dirty electrical outlets may cause safety issues.
	Bending, twisting, pulling or putting heavy objects onto the power cord may cause electrical problems including fire.
	If power cord, plug, or electrical outlet are damaged, discontinue use immediately.

Improper use may cause bodily injury.

	Place machine in an upright position only.
	Do not install this unit in direct sunlight or near a heater, fireplace or other heat source.
	Do not use water with a temperature of over 95 degrees Fahrenheit or 35 degrees Celcius.
	If wall mounted, secure firmly and correctly.

Improper use may cause structural damage to the unit or physical injury

	If not used for several days, run water through the unit for 1 to 3 minutes before starting.
	If inexperienced with drinking Ionized Alkaline Water, users are encouraged to start with level 1.
	Store Ionized Alkaline Water in an air-tight glass container and refrigerate for up to 2 days.
	DO NOT DRINK ACIDIC WATER.
	Do not store Alkaline or Acidic water in metal containers, although you can put alkaline water in the Water for LIFE stainless steel bottles as they are designed to maintain pH and ORP.

Improper use may cause structural damage to the unit or physical injury.

	Aluminum and brass containers will be tarnished by Alkaline and acidic water.
	When handling the pH test (reagent drops) 1. Keep away from eye area. If eyes become irritated, flush thoroughly and consult a doctor. 2. If accidentally swallowed, drink water and consult a doctor. 3. Store in an airtight container away from the reach of children. 4. Drops are flammable. Keep away from children.
	Do not block the unit vent as it can cause overheating and/or electrical problems. Do not block the water passage or tubing. Do not use benzene, thinner, or chemicals to clean the unit as it can damage the housing.
	If the machine will not be used for several days... 1. Unplug the power cord from the electrical outlet 2. Turn off the water valve to avoid leaking 3. Remove filters, drain and place in refrigerator in plastic bags.

Parts Guide

Faucet *(for 9200 model)*

1. Refer to the diagrams on the following pages before beginning installation.

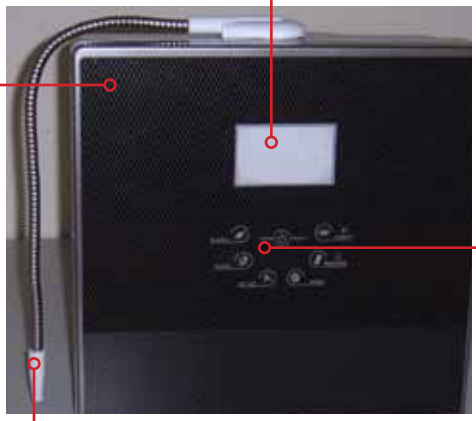
2. Be aware that a 110v outlet (USA) or 220v outlet is required.

3. If after installation the water has an odor, you may need to install a pre-filter. Please consult your LIFE Ionizer® dealer.

4. How to use reagent drops: (BTB Chemical). Put 2-3 drops in approximately 1 ounce of water to be tested. Compare color to color chart provided in kit to determine pH level.

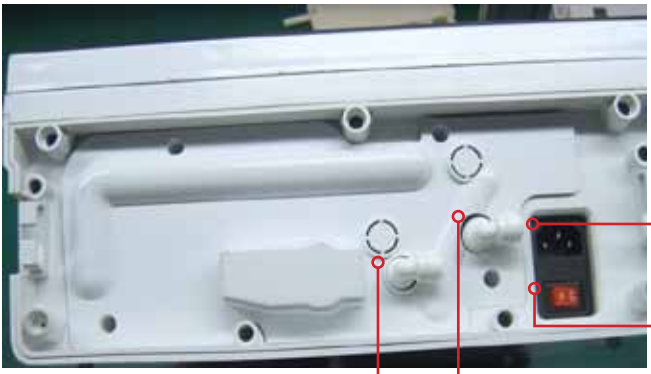
Name & Function of Unit

1. Front View



2. Internal Filters

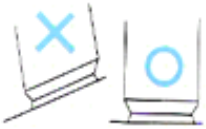
3. Bottom View



(1) Main Body (case): Outer shell of the system.
(2) Water Outlet: Dispenses alkaline/acidic water.
(3) LCD Screen: All the functions of the system are displayed on the LCD screen.
(4) Selection/Function Touch Control: Touch controls to select the level of alkaline/acidic or purified water.
(5) Sliding Door: Provides access to change filters.
(6) 1st Filter: Filters contaminants from the tap water inlet valve.
(7) 2nd Filter: Filters additional sediments from the water after passing through the 1st filter.
(8) Water Inlet: Water inlet from the tap water diverter or water manifold to the unit.
(9) Drain Outlet: This is to drain the acidic/alkaline water while the water is ionizing.
(10) Power Cord: To provide electric power.
(11) Power Switch: ON/OFF switch for main power supply.

Special Installation Notes

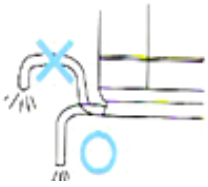
- Before installation, check the unit's voltage setting. This unit is only for use with 110V/220V.
- The unit should be installed away from direct sunlight or cold areas, as it may cause damage to the unit.
- Be sure to shut off water supply from the tap when not in use. The ionizer should be connected to cool water. **(Never connect to hot water.)**
- Do not install the unit near a heater or other heat source.
- Do not make any modifications to the internal or external parts of the machine.



The unit should be placed on a level surface where there is no danger of sliding.

Do not put the unit on top of the drain outlet hose so that the hose will not be bent or pressed.

The unit should be installed within 40 inches of the drain.



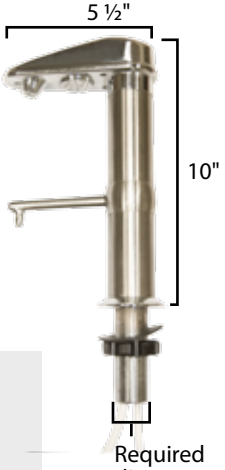
Drain water hose should be installed lower than the ionizer.

The machine should be installed away from direct sunlight or heaters such as a fire place or oil source.

Conversion from 9100 to 9200

1. Snap in plastic adaptor into top of unit where flexible metal hose was in place.

2. Cut a piece of 1/4 inch tubing and connect it to plastic adaptor on top of unit, then insert other end of tubing into the alkaline tubing connection on faucet.



3. Connect a piece of 1/4 inch tubing from "outlet" on bottom of ionizer, to the acid connection on faucet.

4. Plug in electrical extension wire into faucet connection and plug in the other end into the back of the ionizer.

5. Press power button on top of faucet to turn on ionizer.

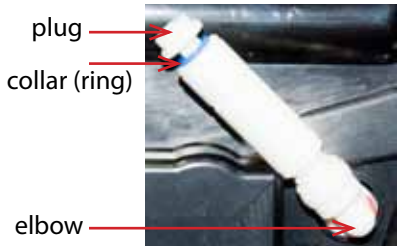
Use Cold Water Only With Your Ionizer

STEP 1: Unscrew the existing aerator from your faucet.

STEP 2: Use teflon plumbers tape on the threads. Screw the LIFE Ionizer™ diverter valve onto your faucet. Three different sized adaptors are included for non-standard sized faucets.

STEP 3: Unscrew the round nut from the side of the diverter valve. Slide the nut over the end of the 1/4" tubing and then screw the nut back onto the diverter valve. Tubing should now fit snugly onto the diverter valve.

STEP 4: Lay the ionizer down on its back and you will see two white elbows extruding from the bottom of the machine. Depress the collar towards the elbow and extract the plug from the end of the elbow. It is sometimes helpful to use the back of a butter knife or screw driver to remove the plug. If you ever need to remove the tubing from the quick release, you will use the same process.



Example

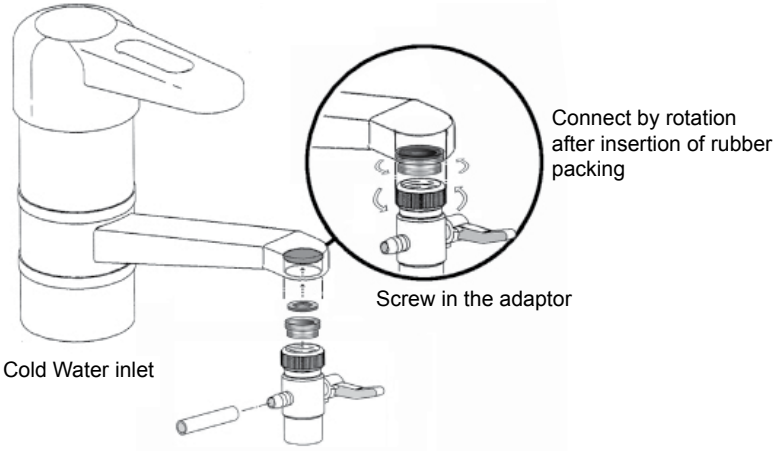
STEP 5: Run tubing from the diverter valve to the inlet valve on the bottom of the ionizer. Be sure to push the tubing into the quick connect valve 3/4" until it is firmly seated.

If using a pre-filter, see page 16 for pre-filter installation.

STEP 6: Insert one end of tubing into outlet valve on bottom of unit and run the other end into the sink securing it with the suction cup provided. Some units may contain water. Don't be alarmed; we test units for quality before shipment!

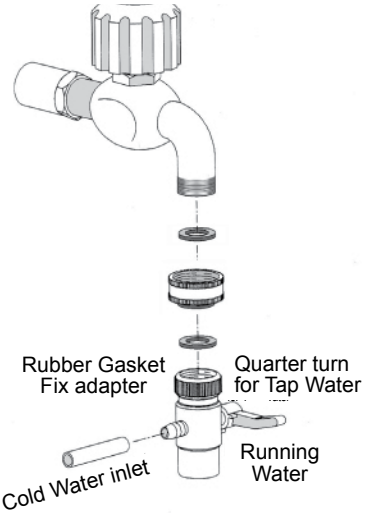
Installation Guide

Assembly method of valve for Deck sink water taps



Remove the aerator from
the water tap.

Assembly method of valve for
wall-mounted water taps



Connect the raw water
and drainage hoses under
the product.

Installation of the Pre-Filter

1. Cut the tubing leading to the ionizer at the desired location and length.

2. The cap on top of the filter housing is marked "OUT" and "IN".

TOP VIEW OF FILTER HOUSING

3. The tubing coming from the cold water connector needs to be inserted into the side of the housing marked "IN". Firmly press the tubing into the filter-housing cap. You will feel the tubing stop when it is fully inserted. Pull on the tubing gently to ensure that it does not come out and a good connection was made. If possible, flush the filter by turning on the flow of water slowly and point the "OUT" towards the sink; let it run for 2-3 minutes and turn the water flow off.

SIDE VIEW OF FILTER HOUSING

4. Insert the tube going to the ionizer into the side of the housing marked "OUT" by firmly pressing the tube into the filter housing cap.

5. To remove the tubing from the filter cap, press in on the O-ring and tubing simultaneously, then gently pull out on the tubing.

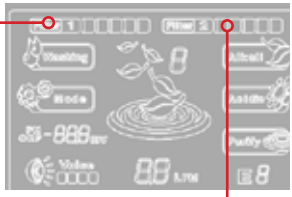
Internal Filter Replacement

For installation video, go to www.lifeionizers.com/support and click 7700/9000/9100 filter replacement video.

1st filter 2nd filter

The sticker on the filter must be removed.

► **LCD Screen Filter Display**



1st filter: The 1st filter life is indicated on the left side of the LCD screen. The lights will decrease as the filter life diminishes. When the filter life has 100 liters remaining, there will be a voice message to exchange the filter. The unit will not work when the filter life is fully used.

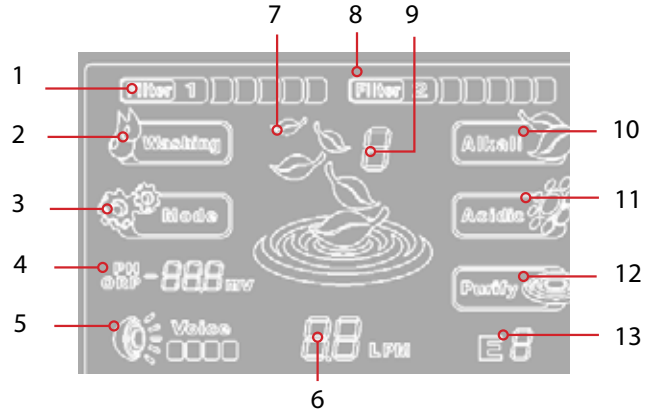
2nd filter: The 2nd filter life is indicated on the right side of the LCD screen. The lights will decrease as the filter life diminishes. When the filter life has 100 liters remaining, there will be a voice message to exchange the filter. The unit will not work when the filter life is fully used.

→ Life of 1st filter: about 4,000 liters (about 4,226 quarts)
→ Life of 2nd filter: about 8,000 liters (about 8,453 quarts)

► **How to Change the Filters**

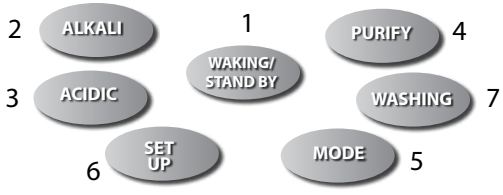
→ Slide the front from left to right side to open up.
→ Select the filter to be changed and turn left to release it out of the socket.
→ Be sure to take the sticker off of the new filter.
→ Turn the filter into the filter socket clockwise to lock.
→ Slide the front closed and then touch the Waking/Stand By control.
→ The system will automatically flush itself and then is ready to use.

LCD Display



1. 1st filter life indicator
2. Wash lamp indicator
3. Mode display indicator
4. Water pH indicator
5. Voice set display lamp
6. Flow meter display
7. Operation display lamp
8. 2nd filter life indicator
9. Alkaline/Acid water level
10. Alkaline water selection lamp
11. Acid water selection lamp
12. Purified water selection lamp
13. Error display lamp

Touch Control Panel Functions



1. **Touch to turn the unit on.**
2. **Touch to get alkaline water.**
3. **Touch to get acidic water.**
4. **Touch to get purified water.**
5. **Touch to enter the configuration mode (see pg 22).**
6. **Touch to exit mode menu.**
7. **Touch to manually flush the unit.**

LCD Functions

- **Alkaline water selection lamp:** The Alkali lamp is ON when alkaline water is selected.
- **Acid water selection lamp:** The Acidic lamp is ON when acidic water is selected.
- **Purify water selection lamp:** The Purify lamp is ON when purify water is selected.
- **Outlet water pH value:** It shows the pH value of the outlet water.
- **Flow meter display:** This displays inlet water flow in liters per minute.
- **Wash lamp indicator:** Lights up when washing function is selected and during automatic flushing.
- **1st filter life indicator:** Shows how much life is remaining for the 1st filter.
- **2nd filter life indicator:** Shows how much life is remaining for the 2nd filter.
- **Alkaline/Acid water level:** Displays what level of alkaline/acid water is being dispensed.
- **Error display lamp:** Displays error codes when the unit malfunctions.
- **Voice set display lamp:** Displays the volume level for the voice control.

Specific Features

1. One-touch ON/OFF and function selection.
2. 9 Platinum coated titanium electrode plates (patented).
3. 9 levels of water - four (4) alkaline, four (4) acidic, one (1) purified.
4. Large multi-color LCD screen.
5. PH value (acid and alkaline concentration) is displayed on the LCD screen.
6. PH of the water is displayed on screen using 7 different colors (red is most acidic and purple is most alkaline).
7. System is self-diagnosing and displays errors on the LCD screen.
8. Dual internal high capacity filters.
9. LCD screen displays remaining filter life for both filters.
10. Voice message prompts for each function.
11. Amount of water dispensed is displayed by per liter minute
12. SMPS power supply.
13. Automatic flow control system ensures proper pH levels.
14. Automatic self cleaning cycle runs to ensure safety and efficiency of the unit.
15. While dispensing water in purified mode, the system will shut off the waste water outlet, to prevent unnecessary waste.
16. Convenient front sliding door for easy filter access (patented).

Operating Instructions

1. Touch the main operation control on the front of the unit.
   - When the powered ON for first time, the unit will flush itself automatically. The "Washing" LED will blink.
   - Once the system is flushed, it will be in standby mode, select the type of water desired on the touch control panel.

2. When "Alkali" is selected, the blue "Alkali" LED will light up. Alkaline water comes out and the voice prompt announces which level of alkaline water is being dispensed.
   - Repeatedly touch the "Alkali" touch control to cycle through the available levels of alkaline water.
   - The system remembers which level of alkaline water was selected and will dispense that level of alkaline water until a new level is chosen.
   - However, if level 4 is chosen, for your safety the system will revert to level 2 at next use.

3. When "Acidic" is selected, the yellow "Acidic" LED will light. Acidic water comes out and there is a voice message announcing the level of acidic water.
   - Repeatedly touch the "Acidic" touch control to cycle through the available levels of Acidic water.
   - After dispensing acidic water, the unit switches back to alkaline water automatically for your safety.

4. When "Purify" is selected, purified water will be dispensed. The green "Purify" LED will light up.

5. When "Washing" is selected, the red "Washing" LED will display for 30 seconds.
   After the wash cycle is complete, the unit will return to standby mode.
   - While washing the system there will be a voice prompt: "Don't drink water!"
   - Use the "Washing" function when you need to clean the electrolytic cell.
   - The system will revert to the alkaline water setting after cleaning.

Amperage/Volume Adjustments/Filter Reset

MACHINE AMPERAGE (PH LEVEL) ADJUSTMENT

(Do this to adjust the pH level of water dispensed by the unit.)

- Ensure machine is plugged in.
- Hold down the "Mode" button for 10 seconds until the mode option appears on screen. Then release "Mode" button.
- Scoll through menu by pressing "Mode" until the Alkali symbol appears and flashes.
- Press the "Alkali" symbol to select which Alkali level you wish to adjust.
- Once you have selected the Alkali level, press the "Purify+" symbol to increase amperage or the "Washing-" symbol to decrease amperage (Note: Do not make adjustments in "Purify" Mode).
- Once you have completed adjusting your amperage press "Set up" to save your settings.

VOLUME ADJUSTMENT

- Ensure machine is plugged in.
- Hold down the "Mode" button for 10 seconds until the mode option appears on screen. Then release Mode button.
- The first selection on the menu is the volume adjustment mode easyily recognizable by the word ***"voice"*** flashing on the bottom of the screen.
- To increase volume, press "Purify+"; to decrease volume press "Washing-" (Note: The unit comes from the factory with the volume set at 50% volume).
- Once you have completed adjusting your volume press "Set up" to save your settings.

FILTER RESET

- Ensure machine is plugged in.
- Press and hold the "Mode" button for 10 seconds until the mode option appears on screen. Then release Mode button.
- Scoll through menu by pressing "Mode" until you reach desired filter which is located on top of the LED screen.
- Press the "Purify+" symbol to reset the filter count (Note: when resetting filter 1, filter count will display 400, and resetting filter 2 count will display 800. Once they are reset, the number will decrease as filters are used. The filter is due for replacement when the count reaches 0).
- Press "Set up" to exit menu screen.

Operation Warnings / Error Messages

- Improper use may cause structural damage to the unit or physical injury.
- Do not make any adjustments to the unit.
- Do not place anything on the unit.
- Disassemble the alkaline water outlet pipe (power set hose) before picking up the unit. Failure to do so may cause the hose to break which will result in water leakage.
- Water drain outlet should not be closed.
- Be sure to check the electric power 110V/220V prior to use.
- In case of malfunction, contact Life Ionizers™ Technical Support at 760.585.1692.
- Do not use hot water as the ionizer is meant for cool water only.
- Unplug the electric power when not in use for a long time (over a week).
- Do not use underground water, polluted water or metallic water.
- Do not use water with a temperature of over 35° Celcius/ 95° Fahrenheit as it may cause damage or short filter life (Room temperature is best).
- Do not use pre-ionized water.
- Do not clean the unit with alcohol.
- Only use certified replacement filters.
- Be careful not to shake or drop the unit.

Error Codes

E0 : Sliding door open
E1 : Water flow from faucet is either too high or too low

If the following error messages appear on the LCD screen, be sure to contact our technical support at 866.321.3116.

E2 : Filter memory reading problem
E3 : Filter life screen display problem
E4 : Filter re-set problem
E5 : Overload and temperature problem

Filters

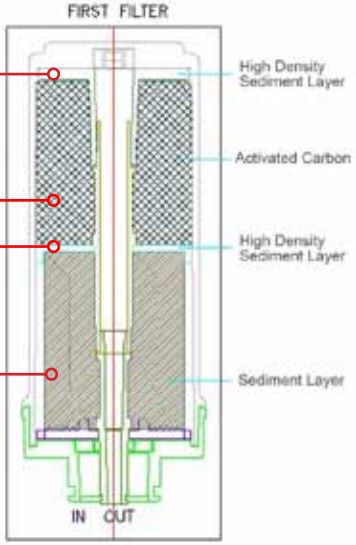
First Filter: Filter A

High Density Sediment Layer
Eliminates sediments (mud, rust, sand, etc) 5 microns or larger.

Activated Carbon
Ultra-fine coconut shell carbon.

High Density Sediment Layer
Eliminates sediments (mud, rust, sand, etc) 5 microns or larger.

Sediment Layer
Eliminates sediments (mud, rust, sand, etc) 10 microns or larger.



Second Filter: Filter B

High Density Sediment Layer
Eliminates sediments (mud, rust, sand, etc) 5 microns or larger.

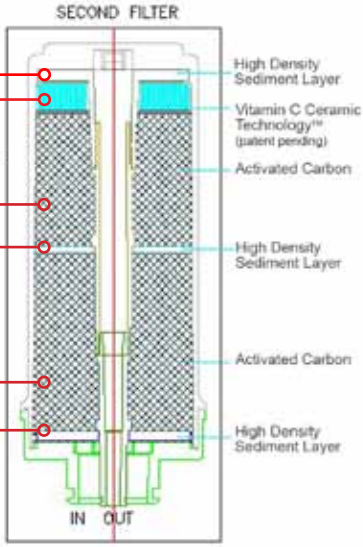
Vitamin C Ceramic Technology™ (patent pending)
For the reduction of Chlorine and Chloramines.

Activated Carbon
Ultra-fine coconut shell carbon.

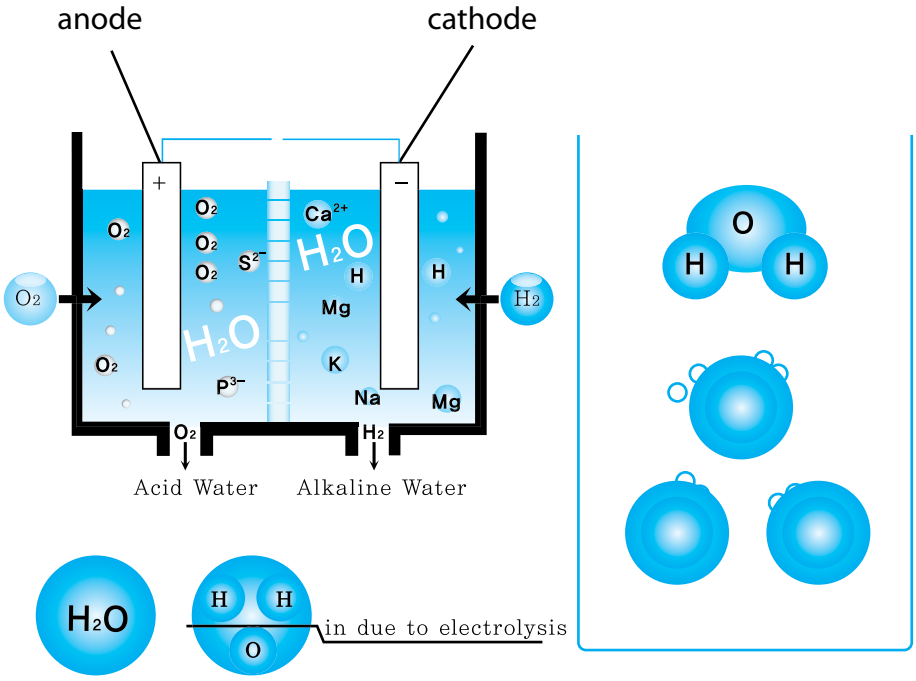
High Density Sediment Layer
Eliminates sediments (mud, rust, sand, etc) 5 microns or larger.

Activated Carbon
Ultra-fine coconut shell carbon.

High Density Sediment Layer
Eliminates sediments (mud, rust, sand, etc) 5 microns or larger.



Explanation of Ionized Water



During electrolysis, the cathode has a negative charge and produces alkaline ionized water (pH range 7.5~10) with negatively charged hydroxyl ions, and attracts alkaline minerals - such as calcium, potassium, magnesium, and sodium.

The anode has a positive charge and produces acidic ionized water (pH range 3.5~6.5) with positively charged hydroxide ions and attracts acidic minerals – such as chlorine, sulphur, phosphorus.

Alkaline and Acidic Water Usage Guide

Alkaline Water Usage Guide

1. If the machine has not been used for several days, let the water run on the "Purified Water" setting for at least 3-5 minutes before any operation.

2. First time users who are not familiar with this water are recommended to start with Ionized Alkaline Water level 1 and adjust the quantity or level of wate which might fit you the best. Increase slowly over time as your body adjusts. (Level 1 is recommended for first time Alkaline Ionized water drinkers).

3. Store Ionized Alkaline Water in an airtight glass container and put it in a refrigerator for no longer than 2 days for maximum benefit. The first 12 hours after ionization the water is most effective.

Acidic Water Usage Guide

Acidic water is not drinkable – DO NOT DRINK

1. Use acid water only for disinfecting, cleaning, plants and as a face/skin toner.

2. Acidic water properties are the best 1-7 days after ionization if it is put in an airtight glass container and kept refridgerator.

Purified Water Usage Guide

1. Clean water is chlorine free due to the internal ionizer filters and ionizer pre-filters.

2. It is best to drink purified water when taking medication.

3. Can a person drink Ionized Alkaline Water when on medication?
   -Yes, as a precaution DO NOT DRINK Ionized Alkaline Water 45 minutes to one hour before and after taking medication or supplements.

Please note that water will come out of both spouts when dispensing water.

A) When the Alkaline button is pressed, Alkaline water will be dispensed from the top spout and acid water will be dispensed from the bottom spout.

B) When the Acid button is pressed, Acid water will be dispensed from the top spout and Alkaline water will be dispensed from the bottom spout.

C) When the purify button is pressed, purified water will be dispensed from the bottom and top spouts.

Uses for Ionized Alkaline Water

Highly Ionized Alkaline Water: pH 11.0+

Highly Ionized Alkaline Water is useful for cleaning and preparing food.

Food Preparation: Wash Vegetables and fruit.

Cleaning: Clean cutting boards with. Good for cleaning oil and tough grime from vents, as well as for general cleaning in the kitchen.

Stain Removal: The extra strength, absorption power will remove coffee, soy sauce and oil stains with ease. Also great for getting out stubborn toilet bowl stains.

Dishes: Use less detergent when hand washing dishes. Save on water bills, as only one-third to one-forth of the usual amount of water is adequate cleaning and for rinsing with detergent.

Water pH: 8.0-10.0

For drinking, food preparation, watering plants, health maintenance.

Drinking: Drink at least eight 8 ounce glasses of water every day to maintain proper hydration levels and support a healthy pH balance. Alkaline water is an important part of a healthy diet.

Food Preparation: Clean vegetables and fish. Enhance the flavor of broccoli, onions, etc. by pre-boiling them in Ionized Alkaline Water. Use less condiments and salt in your diet.

Rice: Use Ionized Alkaline Water for washing and cooking rice. The result is delicious and fluffy rice.

Tea: Taste and aroma are everything to many people. You will be surprised at the improved color, taste, and aroma. You can use less tea and still achieve a full rich taste.

Soups and Stews: Ionized Alkaline Water draws out the flavor of ingredients so they get tender and juicy. Therefore, less seasoning such as salt and soy sauce are needed. This water is good for people who want to reduce their salt intake.

Plants: Watering plants and flowers. Ionized Alkaline Water extends the freshness and life of plants. Ionized Alkaline Water with a pH level of 9.0 can also restore the health of sick plants. Ionized Alkaline Water stimulates germination and improves seeding development.

Animals: Your animal's health will improve dramatically. Unpleasant body order will decrease, as well as the odor of feces and urine.

Crafts: Excellent for dyeing cloths, as well as other craft projects. You will love the vibrant colors obtained when using this water.

Health: Through continuous use, the acidic tendency of your body can be gradually corrected to an Alkaline levels. Drink at least half your body weight in ounces in order to gradually change an acidic level to a slightly Alkaline one.

Other Uses: Some medical studies suggest that alkaline water reduces free radicals. Proponents refer to alkaline water as "Antioxidant Water", and believe it slows down aging and stabilizes body temperature.

Water pH: 7.0

Free of chlorine, rust and cloudiness. Clean water is delicious drinking water.

Children: Use purified water with a pH of 7.0 when preparing baby food.

Uses for Acidic Water

Water pH: 4.0-6.0

Face wash: The astringent properties of acidic water are effective in toning and firming your skin. Pat the skin and leave to dry. This water is also excellent as a toner after shaving.

Hair Care: Use this water to rinse your hair after shampooing. Reduces annoying tangles and brings out a radiant shine. Keep in a spray bottle and spray your hair and face when you're out and about.

Bath Water: Add acidic water to your bath water to keep your tub free of bathtub rings. Bathing in this water gives your body a warm and comfortable feeling.

Pet Care: Spray your pet with this water and brush afterwards to obtain soft and shiney fur. Great for grooming your pet!

Rinse Cycle: Soaking with acidic water before the spin cycle will soften your clothes.

Cooking beans: Various types of beans, such as kidney beans and green peas, will cook to perfection. Just be careful not to overcook your beans. Acidic water will speed up the cooking time! This is energy saving water!

Fried Food: Fried food comes out nice and crispy if you rinse it in acidic water before frying.

Frozen food: Spray foods with acidic water when freezing so that the food, including fish and shrimp, does not lose its flavor when thawed.

Stains: To remove stains, grime and grease, leave to soak in water for 24 hours.

Dishes: Dishes and glasses come out sparkling clean.

Polishing: Polish mirrors, eyeglasses, glass objects and windows to a high sheen.

House Cleaning: Remove dirt from hardwood floors, ceramic tiles, etc. without leaving a sticky residue.

Performance Features

LIFE MESH Technology™ – Our MESH technology is designed so that the water moves in and out of the plates, resulting in more contact time and better electrolysis. The result is water with a higher pH and stronger ORP (Oxidation Reduction Potential = Antioxidant power).
Better machine = Better results.

SMPS Power System- Combine MESH Technology with our new advanced SMPS Power System (the same system used in High Definition Televisions) and your LIFE Ionizer® 9000 series will will outperform any other model in its class. The system generates up to 386 watts of power and it can be adjusted to compensate for hard water problems. SMPS Power means your system will run more efficiently provide consistent power, and will last longer.

UV Light System- LIFE UV Light Technology™ is an optional feature on our Life Ionizers™. UV light kills cysts and bacteria as the water passes around the light inside the unit. UV Light is being used by major municipal water authorities such as New York City and Orange County, CA as added treatment to disinfect their water.

Common Problems and Solutions

Condition	Possible Problem	Solutions
• The power light is not on or the power switch doesn't seem to work.	• Unit may not be plugged in correctly. • Unit may be plugged into an outlet controlled by a switch. • Fuse at the bottom of the machine may be blown.	• Make sure power plug is plugged into outlet correctly. • Plug unit into an outlet that is constantly 'hot'. • Replace the fuse at the bottom of the unit.
• Water volume is low or doesn't come out of the unit.	• Angle Valve Adapter and/or cold water supply are turned off. • One or more of the water supply tubes is crimped. • House water pressure is too low. •Pre-filter and/or unit filters are blocked.	• Make sure all water supply valves are open. • Check all hoses and tubes. • Water pressure may be low for many reasons (RO system, sprinkler system, etc) Call LIFE Ionizers™ Tech Support for assistance. • If unit has been used for 6 months or more, replace filters as needed.
• Tubing is leaking.	• Tube is not seated properly or there is a hole in the tubing.	• Disconnect and reconnect tubing making sure it is seated 3/4 inch deep or replace tubing.
• Pre-filter is leaking.	• Tubing to pre-filter is not seated deeply enough. • O-Rings inside the pre-filter are not seated correctly or are being crimped due to housing cover being on too tight.	• Disconnect and reseat tubing at least 3/4 inches into filter. • Disconnect tubing and unscrew housing cover. Make sure O-Rings are seated properly.

Common Problems and Solutions

Condition	Possible Problem	Solutions
• Water has an unpleasant odor or taste.	• The internal filters may need to be replaced. • Water source requires a pre-filter or RO* filter.	• Call your dealer to place an order for new filters. • Call LIFE Ionizers™ for a water quality report for your area.
• Unit is making an unsual noise.	• The problem is internal and requires a qualified technician.	• Unplug the unit from the power source and call Technical Support.
• Ionizer is leaking.	• The problem is internal and requires a qualified technician.	• Unplug the unit from the power supply and call Technical Support.

* Reverse Osmosis: Check all external hoses and fittings

Acidic Cleaning Instructions & Routine Maintenance

Many locations have excessive mineral content in the source water that can build up inside the ionizer over time and cause blockage. A routine acidic cleaning of the ionizer chamber can help maximize the life and performance of your ionizer by reducing the build-up of these minerals.

In areas with heavy mineral content, this is recommended once a week. It is also recommended to do this procedure in the evening as it takes several hours to be effective.

- Run the ionizer on acid level 2 for one minute.
- Turn off the source water to the ionizer.
- Let the water "soak" in the chamber overnight (several hours).
- Run the unit again on acid level 2 to rinse the minerals from the machine.
- Return the unit to normal operation.

Frequently Asked Questions

Q: What should I expect from drinking Ionized Alkaline Water?

A: This will initially depend on what level of strength you begin drinking Ionized Alkaline Water. Ionized Water provides your body with lots of oxygen, which is why it gives us energy. Ionized Water is much smoother tasting than conventional water. It makes better coffee, tea, juice, etc. Ionized Alkaline Water is wonderful to cook with because it helps hydrate the food and bring out its flavor. However, other changes in your body will be much more subtle. If you have accumulated acid waste in your system, it probably took years for you to get into that condition and it will take some time to reverse it. As the body is slowly brought into pH balance by drinking Ionized Water, it will naturally begin to function more efficiently and problems will begin to correct themselves.

Q: Who should drink Ionized Alkaline Water?

A: People, pets and animals will all notice benefits from drinking Ionized Alkaline Water.

Q: Is there anyone who should not drink Ionized Alkaline Water?

A: Some people must start by drinking very small amounts of Ionized Alkaline Water, such as 8 oz. of strength level 1 (one) per day. This is especially true of the elderly who often have unfortunately allowed heavy metals and other toxins to accumulate in their bodies. Sometimes years of medication has accumulated in them as well. Children 3 years and younger should not drink Ionized Alkaline Water. They may only drink the purified water from the Ionizer. Children between the ages of 4 years and 12 years should only drink Ionize Ionized Alkaline Water at strength level 1 (one) and strength level 2 (two). Children between the ages of 4 and 12

years of age should never drink Ionized Alkaline Water at strength level 3 (three) or strength level 4 (four).

Q: Should I take medication or supplements with Ionized Alkaline Water?

A: Due to the superior quality of ionized, alkaline, microclustered water and its enhanced hydration capabilities, we do not recommend its use for 30 minutes before and after with prescription or over the counter medications. However, we highly recommend its use with vitamins, supplements, nutritional powders and other nutraceuticals because of its superior quality and enhanced absorption capabilities.

Q: Can a person become too Alkaline from drinking Ionized Alkaline Water?

A: People have been known to drink as much as 1 to 2 gallons of Ionized Water every day with great benefit. Conversely, one of the most common imbalances people have today is that they are too acidic. Our body's pH should be approximately 7.2 (measured through saliva or urine). It is rare for a person to acquire Alkalosis, the condition of being too Alkaline. We should always drink Ionized Alkaline Water and eat Alkaline Foods such as fruits and vegetables.

Q: How much water should I drink and at what level?

A: At a minimum, you should drink half your body weight in ounces per day. For example, a person weighing 100 pounds should drink 50 ounces. You should start slow at strength Level 1 (one), drinking 1-3 glasses per day for the first week. You may increase the number of glasses per day during the first week if you do not notice any side effects. If you do not feel any flu-like symptoms at the end of the first week, move up to strength Level 2 (two). On strength Level 2 (two), drink 1-3 glasses per day for the first week. You may increase the number of glasses per day during the first week if you're

feeling good. On average, two to three weeks per level; work your way up to a 10.5 pH (strength Level 4 (four). The higher the strength level of Ionized Water you can drink, the better it is for you because the water is more Alkaline, more Detoxifying, and a stronger Antioxidant that provides your body with more Oxygen.

Q: When will I begin noticing the health benefits?

A: It varies from person to person. You might start noticing a positive response in as little as one day or within a few weeks.

Q: Why do some people have flu like symptoms when first drinking Ionized Alkaline Water?

A: If you start drinking Ionized Alkaline Water at to high strength level (high pH level) then you might notice flu like symptoms. The Ionization process creates water molecule clusters that are half the size of regular water molecule clusters. This is why Ionized Alkaline Water is sometimes referred to as "microclustered water" because water moledule clusters have been reduced in size from a 12 water molecules per cluster to 6 water molecules per cluster. This makes the water much more hydrating because it flows through our body tissue more easily, thus pushing toxins out of our system. It is this detoxifying effect that sometimes gives people headaches and diarrhea, and that is why there are 4 levels of strength.

Q: How does Ionized Alkaline Water affect athletes?

A: In an extremely positive way, as you might expect. Blood oxygen levels will rise at varying amounts with regular use of strong Ionized Water. This increases stamina, endurance and provides the muscles tissue and organs with high amounts of oxygen, which the human body often lacks, even in athletes because inadequate diets. Proper hydration sustains the body's physiological responses in all activities, but the physical and mental stresses of athletic training and competition magnify

the importance of hydration. Numerous studies conducted on athletes since the 1940s have demonstrated that even mild dehydration impairs performance**.** Current thought is that athletes consuming a traditional Western diet have consumed an abundance of salt, so there is no need to replace salt when exercise last less than two hours. Water that has been alkalinized may help neutralize the exercise induced acidosis (lactic acid build up), since the pH of Ionized Alkaline Water is high. Ionized water may help act as a free-radical scavenger to address the issue of accelerated oxygen consumption. Ionized water is micro-clustered, so it may be absorbed at a faster rate, helping with rehydration. Dr. Peter L. Kopko, D.C., recommends drinking 13 to 20 ounces (2-3 cups) of water 2 hours before exercise and 5 to 10 ounces (about 1-2 cups) every 15 to 20 minutes of exercise, depending on your total body weight.

Q: How long does Ionized Alkaline Water stay Ionized?

A: The Antioxidant (hydroxyl ions) will last approximately 18-24 hours. The Higher pH (Alkaline properties) will last approximately 1-2 weeks. The smaller molecule cluster size will last approximately 1-3 months. Does Ionized Alkaline Water have any negative effects? Absolutely none, as long as it is used properly. Only the Ionized Alkaline Water should be consumed. NEVER DRINK THE ACIDIC WATER.

Q: Should Pregnant Women Drink Alkaline Water?

A: We at Life Ionizers™ are often asked the question as to whether alkaline, ionized water should be consumed by a pregnant or lactating woman. We believe the prudent approach is to exclude alkaline, ionized water throughout pregnancy and breast feeding. It is our understanding that due to the increased absorption of water-hydrated cations, like potassium and calcium, coupled with the increased concentration of the same cations created on the alkaline side of electrolysis, creates a too highly concentrated electrolyte solution for a developing fetus and breast-feeding infant. Switch to the purified mode during pregnancy and until breast-feeding is concluded.

Q: How does a water ionizer work?

A: Our counter top Alkaline LIFE Ionizer® 9000 series can be directly connected to a diverter valve at the end of your faucet. Connecting directly to your faucet takes about 10-15 minutes and enables your water ionizer to use a two step process. The first task is to help filter out harmful components of the water with our built-in dual filter system, which removes chlorine, trihalomethanes, phenols, sediment, odor, taste, and organic waste. The LIFE Ionizer® achieves this by using multi-stage filters. Then the filtered water passes into a patented chamber equipped with platinum-coated titanium plates. Next, an electrical charge is introduced into this water. This is where the electrolysis takes place. The water is separated into two streams (acid and Alkaline) of Ionized water. The acid water (oxidized) makes up about 30% of the water and the Ionized Alkaline Water 70%. The reduced Ionized Alkaline Water comes out of the faucet, which you use for drinking or cooking. The acid (oxidized) water comes out of a separate hose leading into the sink. The oxidation potential of the acid water makes it a good sterilizing agent, ideal for washing your hands, cleaning food or kitchen utensils, and treating minor wounds and eczema. Cations, positively charged ions gather at the negative electrode to create Ionized Alkaline Water, which concentrates available Alkaline minerals, such as calcium, magnesium and potassium from the source water. Anions, negatively charged ions gather at the positive electrode to make acid or oxidized water, which concentrates acid minerals such as nitrates, sulfides, chlorides, and fluorides from the source water. Remember in chemistry class, opposites attract. A range of pH settings from neutral to very Alkaline or very acid is available at the touch of a button. The electrodes are cleaned in an automatic cleaning cycle or you can also run a manual cleaning cycle. The electrolysis

process breaks the molecular bonding of water molecules and restructures the water clusters from usual groups of 12 or so down to about 5 or 6 molecules per water cluster. "Clustered" water is typically characterized by smaller groups of molecules, lower surface tensions and thus can more easily penetrate the cellular membrane. This clean, healthy, Alkaline Ionized Water is drawn for drinking and cooking through the main stainless steel spout.

Q: How do I know when the filter needs replacing?

A: An LED or counter indicator on the front panel gives an indication of remaining filter life. Generally the 1st filter will last for about 8 months, the 2nd filter for about 12 months (when 2.5 gallons of water is produced per day), but this depends on the source of water and the amount of use. For example, if your tap water contains between 0.4 and 1.0 ppm (parts per million) of chlorine, a filter can last 12 months for one person's use. If greater than 1.0 ppm, the filter may last 8 months. A family of four on a typical North American water supply will replace the 1st filter about every 8 months. By changing your filters at regular intervals, you are assured of the inner hygiene of the filter.

Q: Where is the serial number located?

A: On the back of the ionizer, you will see a bar code sticker. The serial number is located below the bar code.

Q: What should be done if the machine is not to be used for 7 days or more?

A: Remove the filter from the main body, wrap in plastic wrapping, and store in a refrigerator. Remove the power plug. When ready to use again, install the filter and run in the Ionizer in the 'PURFIED' mode for approx. 3 minutes before using the water.

Q: What does it mean when water flows through the main body and it becomes warm?

A: At the start of water flow, warm water may flow out due to room temperature or heat from the main body during stoppage. This is not a malfunction. Use the machine after starting water flow.

Q: There are white substances on the bottom of my Alkaline Ionized water storage container. What are these?

A: This phenomenon is caused by the calcium mineral substances in Alkaline Ionized water. Particularly, if the carboxyl group (CO3) is present, it will bind to the calcium carbonate (Ca CO3), creating such substances. This is apparent evidence of electrolysis. Although it is safe to drink, wash the container - add one spoon of edible vinegar and water to the container, leave the container for approximately 1 hour, and wash the container.

Q: What is hard water?

A: According to the U.S. Geological Survey, more than 85 percent of the United States geography has hard water. Hard water forms when naturally occurring minerals enter water sources. Over time these minerals are absorbed by groundwater. The two most common types of minerals found in hard water are calcium and magnesium compounds. The Water Quality Association of the United States defines hard water as water containing dissolved hardness minerals above 1 GPG (grains per gallon). The most common hardness causing minerals are Calcium and Magnesium. Levels of hardness are classified as follows:

Soft Water - less than 1 GPG,
Slightly hard - 1 to 3.5 GPG
Moderately hard - 3.5 to 7 GPG
Hard - 7 to 10.5 GPG
Very Hard - 10.5 and higher GPG

Q: How do I adjust the voice volume on my water Ionizer?

A: Turn machine on. Hold down the "Mode" button for 5 seconds. The first selection on the menu is the volume adjustment mode easily recognizable by the word “Voice” flashing on the bottom of the screen. To increase volume, press "Purify+"; to decrease volume press "Washing-" (Note- The unit comes from the factory with the volume set to its maxiumum setting). Once you have completed adjusting your volume, press set up to save your settings

Q: Why do I want to adjust the amperage on my Water Ionizer?

A: As you know, all water sources are not created equal. Your water source plays an important role on how your water Ionizer creates Ionized Alkaline Water. Being able to adjust the amperage will allow you to find the optimum pH for the best production of Alkaline Ionized water based on your water source.

Q: How do I adjust the amperage on my water Ionizer?

A: Turn machine on. Hold down the "Mode" button for 5 seconds. Scoll through menu by pressing "Mode" until the Alkali symbol appears and flashes. Press the "Alkali" symbol to select which Alkali level you wish to adjust. Once you have selected the Alkali level, press the "Purify+" symbol to increase amperage or the "Washing- " symbol to decrease amperage. (Note- the unit comes factory set at 50 and can be increased to a maximum value of 100 or decreased to a minimum value of 0 in 1 point increments). Once you have completed adjusting your amperage, press set up to save your settings.

Q: Do I need to hire a plumber to install the units?

A: Most people find it is not necessary to call a plumber for most standard installations. For custom installations, a plumber may be needed depending on the individual circumstances.

Q: What do I do if the filters are leaking?

A: It is important to note where on the filter it is leaking. Most leaking comes from fittings that are not seated properly. Reseat the tubing into the filter by pushing in firmly and then pulling back. It may be necessary to re-trim the end of the tubing to get a fresh surface. Make sure to shut off the water before working with the water supply lines.

Q: How do I set up the pre-filter unit?

A: The pre-filter is installed in the supply line on the ionizer. Quick connects are provided for your convenience. Simply push the tubing in the connector and it seals automatically. When installing the filter for the first time, it is suggested to let the filter fill with water for a few minutes before turning on the ionizer.

Q: How do I know what pre-filter I need?

A: A water report is necessary to determine what type of filter is needed. Most municipal water districts have water reports free of charge on the internet. Most Well water owners have their water tested by an independent water testing company periodically, so please provide us with a copy so that we may custom build your pre-filter system for you at no charge. If you can not find a water report for the area the necessary information, please contact your sales representative.

Q: What is the product warranty?

A: To validate your warranty, you must complete the warranty card and return it or register online within 30 days of purchase. The warranty that is in effect at the time the machine is purchased is the one that is honored. Our warranty centers are in the USA and Canada for your convenience. We are the oldest and largest distributors of Alkaline home, commercial and industrial water ionizers in North America with the finest quality service second to none. For Europe, Asia and Africa we have a service center in the UK. For Russia we have a service center in St. Petersburg. We value our customers and are very grateful for referrals. This is why we promote such a generous return policy and why we can do with confidence based on 16 years of growth and happy testimonials. Neglect includes using the unit in a matter inconsistent with the directions in the owner's manual, as breakage resulting from dropping the unit or other carelessness. The international customer

pays all international customs, government fees, levies and/or any other fees that are incurred. The warranty is valid when all regular maintenance routines are followed. The following routine maintenance procedures will help keep your Ionizer running at the optimal performance level:

- Internal filters must be changed annually.
- Citric acid cleaning filter must be used 3 (three) times per year.

Following these easy steps ensures optimal performance and guarantees your Lifetime Warranty (on units that have them).

The LIFE Ionizer® 5100 has a 7 year warranty with full parts and labor. LIFE Ionizers™ 7700-C & 7700-UC have a LIFEtime warranty on all parts and 10 years warranty on labor. The LIFE Ionizers™ 9000, 9100 and 9200 have an unconditional LIFEtime warranty and these ionizers are guaranteed forever with no restrictions!

Q: What is your return policy?

A: We invite you to try out our new range of LIFE Ionizer® and enjoy the benefits for 60 days. We are so sure that you will be satisfied with your ionizer that we offer you a 60-day money back guarantee. If at any time in the first 60 days you wish to return your unit, we will give you a full refund, less 15% restocking fee, as long as your ionizer is returned in as-new condition and in its original packing. “As-new condition” means the ionizer is not scratched, damaged or broken in any way and is returned with all hoses, connectors, parts, manuals and DVDs etc. The original shipping charges will be deducted and return shipping charges must be prepaid by the purchaser. No return can be accepted without our prior authorization. We will refuse unauthorized returns. There are no returns on merchandise purchased wholesale or through finance plans.

Q: What is your repair policy?

Labor is billed at $60/hr. Average repair time is less than one hour and in some cases there is no charge. Minimum charge is $0 to a maximum of $199 per occurrence. Customer is responsible for shipping and shipping charges to and from Repair Center. Warranties cover failures due to defects in materials and workmanship which occur during normal use. Warranty does not cover damage which occurs in return shipment, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, improper insertion of consumables, set-up adjustments, maladjustment of consumer controls, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, or service by anyone other than a LIFE Ionizer® authorized repair facility. LIFE Ionizer® will repair or replace any malfunctioning ionizer for the specified time frames disclosed above.

Limits and Exclusions:

There are no express warranties except as listed above. From the date of purchase the warrantor is not responsible for incidental or consequential damage; for damages arising out of the use of any unauthorized attachment; for damages resulting from the use of the product with a defective water faucet. All expressed and implied warranties, including warranties of merchantability and fitness for particular purpose, are limited to the applicable warranty period. The warranty is voided if parts used are not provided by LIFE Ionizer®. Company products are sold subject only to the applicable company standard printed warranty in effect at the time of sale and such warranty shall be in lieu of all other warranties expressed or implied. In addition, this equipment, technology and products have not been evaluated by the FDA, nor are they intended to treat, cure, mitigate, diagnose or prevent any illness or disease. The following technology is not intended to replace the advice of your family physician.

Contact Us

6352 Corte Del Abeto, Suite H
Carlsbad, CA 92011

866.321.3116 (Technical Support)
760.585.1692

*When calling technical support please be prepared to give your ionizer serial number located on the back of the unit.

www.LifeIonizers.com/Support

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